IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Pradip Mukerji, et al.

J

Filed: January 22, 2002

For: DESATURASE GENES AND USES

THEREOF

Attorney Docket No.: 6763.US.P1

Group Art No.: 1632

Certificate of Mailing under 37 CFR §1.8(a): I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class

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TRANSMITTAL LETTER

U.S. Patent and Trademark Office Box Sequence P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Enclosed herewith for the patent application identified above entitled DESATURASE GENES AND USES THEREOF are the following:

- 1. Response to Notice To Comply (1 Page) in duplicate;
- 2. Copy of Notice to Comply (1 Page)
- 3. Substitute Paper Copy of the Sequence Listing (24 Pages);
- 4. Substitute Computer Readable Form Copy (1 Diskette);
- 5. Statement to Support Filings and Submissions in Accordance with 37 CFR §§1.821-1.825 (1 Page);
- 6. Return Receipt Postcard.

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR §1.16, as well as any patent application processing fees under 37 CFR §1.17 associated with this communication for which full payment had not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.

23492

ABBOTT LABORATORIES Telephone: (847) 935-1729

Facsimile: (847) 938-2623

Respectfully submitted,

P. Mukerji, et al.

Cheryl L. Becker

Registration No. 35,441

Attorney for Applicants

#11/2

PATENT

3/3/103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants: Pradip Mukerji, et al.

Serial No.: 10/054,534

Filed: January 22, 2002

For: DESATURASE GENES AND USES

THEREOF

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____,

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

U.S. Patent and Trademark Office Box Sequence P.O. Box 2327 Arlington, VA 22202

Dear Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, dated August 20, 2002, in the patent application identified above, Applicants submit herewith a substitute Sequence Listing in computer readable form. For the Examiner's convenience, a paper copy of the substitute Sequence Listing is also included herewith. It is also respectfully requested that the enclosed computer readable form of the substitute Sequence Listing and corresponding paper copy replace all previously filed computer readable forms and paper copies of the Sequence Listing.

I hereby state that the content of the computer readable copy of the substitute Sequence Listing submitted herewith is identical to the paper copy of the substitute Sequence Listing submitted herewith, and that the computer readable copy contains no sequence information that would constitute new matter beyond the originally filed application.

The Commissioner is hereby authorized to charge the payment of any patent application processing fees under 37 CFR 1.17 concerning this transaction, or to credit any overpayment to Deposit Account No. 01-0025. A duplicate copy of this sheet is attached.

23492

ABBOTT LABORATORIES Telephone: (847) 935-1729

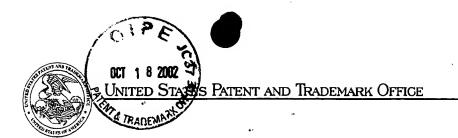
Facsimile: (847) 938-2623

Respectfully submitted,

P. Mukerji, et al.

Cheryl L. Becker

Registration No. 35,441 Attorney for Applicants



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023I
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APPLICATION NUMBER

23492

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/054,534

ABBOTT LABORATORIES

100 ABBOTT PARK ROAD ABBOTT PARK, IL 60064-6050

DEPT. 377 - AP6D-2

01/22/2002

Pradip Mukerji

6763.US.P1

CONFIRMATION NO. 3165

FORMALITIES LETTER

OC000000008656362*

Date Mailed: 08/20/2002

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of
the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as
indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a
substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content
of the sequence listing information recorded in computer readable form is identical to the written (on paper
or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR
1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase Patentin Software, call (703) 306-2600
- For Patentin Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice <u>MUST</u> be returned with the reply.

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PART 2 - COPY TO BE RETURNED WITH RESPONSE